



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CALCIUM NITRATE TETRAHYDRATE LR

CAS No : 13477-34-4
Mol. Formula : $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
Mol. WT : 236.15
Date of analysis : 08/03/22

Product code : 13270
Batch No : MCR-25235
Mfd. : March 2022
Exp. : Feb. 2027

S. R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or crystalline powder.	Colourless deliquescent crystals.
2	Assay	98 % min	99.33%
3	Melting point	about 42 ^o C	42.4 ^o C
4	pH (5% Water)	5 - 7.5	6.94
5	Chloride(Cl)	0.005% max	< 0.005%
6	Sulphate (SO₄)	0.02 % max	< 0.02 %
7	Iron (Fe)	0.001% max	< 0.001%
8	Lead (Pb)	0.001% max	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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